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(54) Title: MURD PROTEIN AND GENE OF PSEUDOMONAS AERUGINOSA			
(57) Abstract			
<p>This invention provides isolated polynucleotides that encode the MurD protein of <i>Pseudomonas aeruginosa</i>. Purified and isolated MurD recombinant proteins are also provided. Nucleic acid sequences which encode functionally active MurD proteins are described. Assays for the identification of modulators of the expression of <i>murD</i> and inhibitors of the activity of MurD, are also provided.</p>			